

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard DUBETTIER-GRENIER</td> <td>08/30/2012</td> </tr> <tr> <td>Jean-Pierre TRANIER</td> <td>08/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Richard DUBETTIER-GRENIER	08/30/2012	Jean-Pierre TRANIER	08/30/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude</td> </tr> <tr> <td>Street Address:</td> <td>75 quai d'Orsay</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75007</td> </tr> </table>		Name:	L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude	Street Address:	75 quai d'Orsay	City:	Paris	State/Country:	FRANCE	Postal Code:	75007
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CORRESPONDENCE DATA											
<p>Fax Number: 7136248950  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-624-8952        Email: IP-USOffice@airliquide.com        Correspondent Name: Air Liquide USA, LLC, IP Dept.        Address Line 1: 2700 Post Oak Boulevard, Suite 1800        Address Line 4: Houston, TEXAS 77056</p>											
ATTORNEY DOCKET NUMBER:	SERIE 8370										
NAME OF SUBMITTER:	Justin K. Murray Reg. No. 57,995										
<p>Total Attachments: 2        source=S8370_US_Assignment#page1.tif        source=S8370_US_Assignment#page2.tif</p>											

CH \$40.00 13583486

**Assignment of Invention**

WHEREAS WE, **DUBETTIER-GRENIER Richard** and **TRANIER Jean-Pierre** respectively, have invented certain new and useful improvements in *Method and integrated device for separating air and heating an air gas originating from an air separation device*

for which an application for Letters Patent was filed on Sept. 7, 2012, having Application No. 13/583,486;

WHEREAS **L'Air Liquide, Société Anonyme pour l'Étude et l'Exploitation des Procédés Georges Claude**, a French corporation having offices at 75 quai d'Orsay, F-75007 Paris, FRANCE (hereinafter referred to as "ASSIGNEE"), desires to acquire from **DUBETTIER-GRENIER Richard** and **TRANIER Jean-Pierre**, the entire right, title and interest we have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we, by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions, including the right to claim priority of the above-mentioned patent application(s) in patent applications filed in or for any such foreign country, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions, and in and to any and all subsequent provisionals, non-provisionals, divisions, reissues, continuations, substitutions and renewals thereof.

We hereby authorize and request the Patent Office Officials in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 30 AUGUST 2012



DUBETTIER-GRENIER Richard, Inventor

Date: 30 AUGUST 2012

TRANIER Jean-Pierre, Inventor

**Assignment of Invention**

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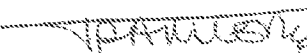
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